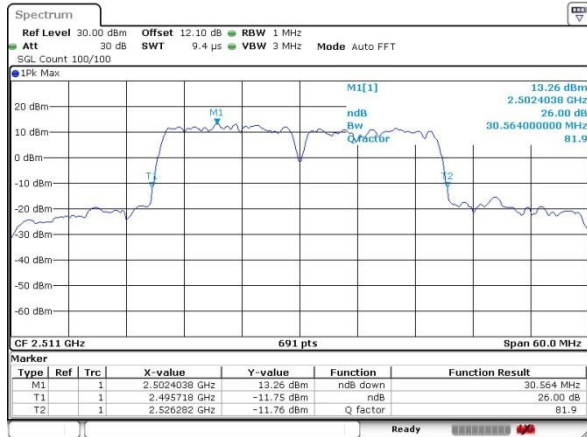




## LTE Band 41

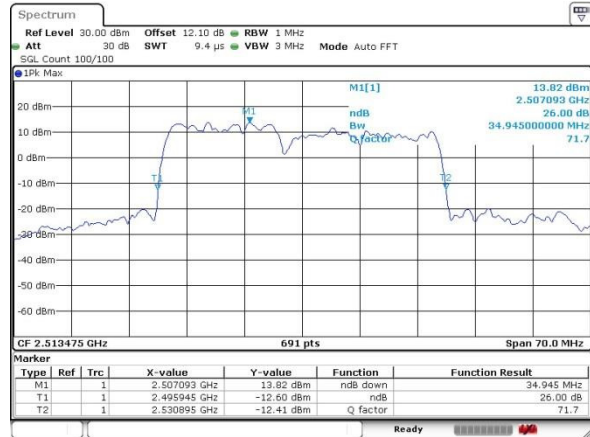
## 64QAM

## Lowest Channel / 15MHz+15MHz



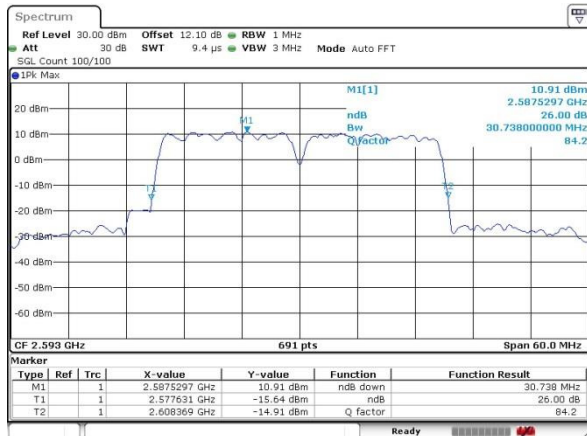
Date: 20 FEB 2018 15:54:55

## Lowest Channel / 15MHz+20MHz



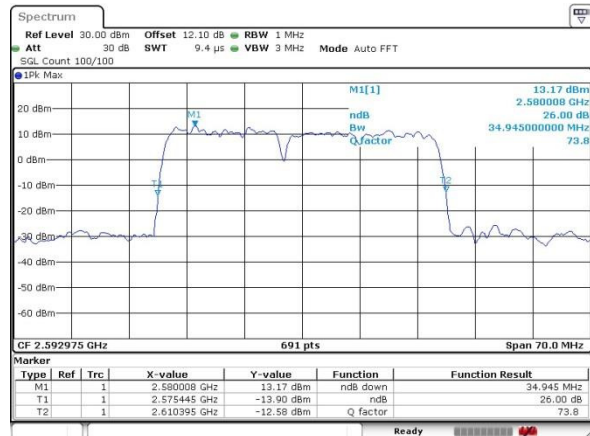
Date: 20 FEB 2018 17:07:40

## Middle Channel / 15MHz+15MHz



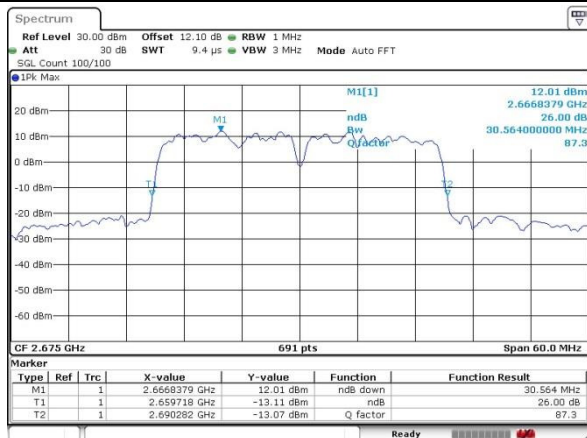
Date: 20 FEB 2018 16:11:22

## Middle Channel / 15MHz+20MHz



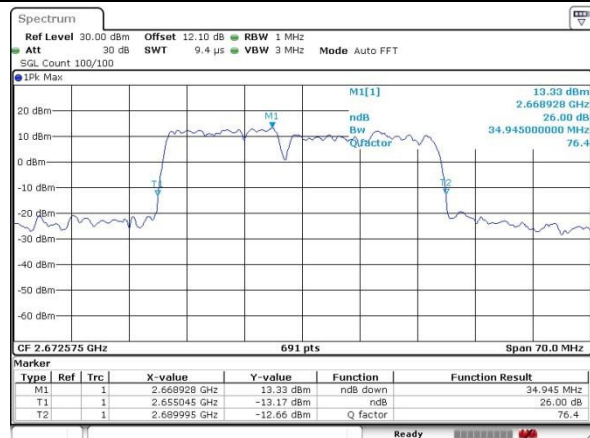
Date: 20 FEB 2018 17:31:21

## Highest Channel / 15MHz+15MHz



Date: 20 FEB 2018 16:46:03

## Highest Channel / 15MHz+20MHz



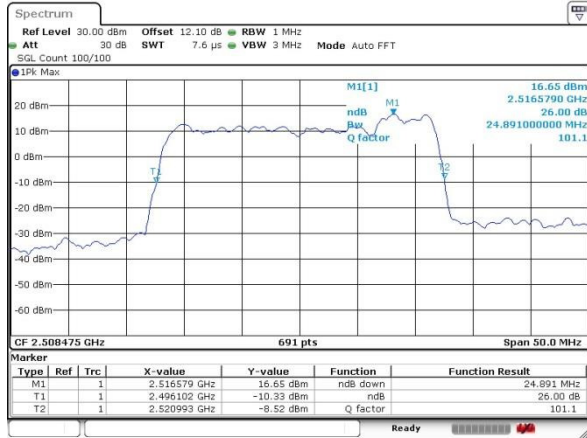
Date: 20 FEB 2018 18:14:44



## LTE Band 41

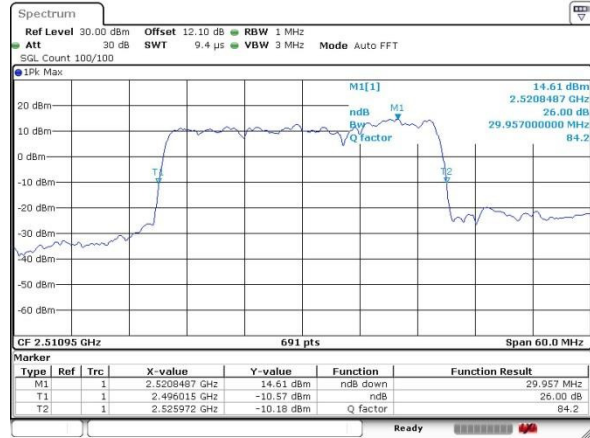
## 64QAM

## Lowest Channel / 20MHz+5MHz



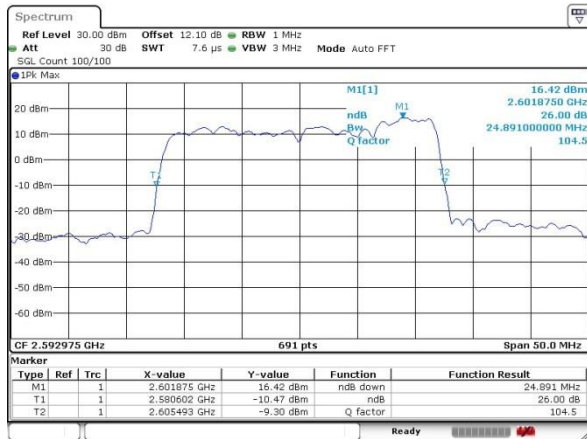
Date: 19 FEB 2018 23:40:40

## Lowest Channel / 20MHz+10MHz



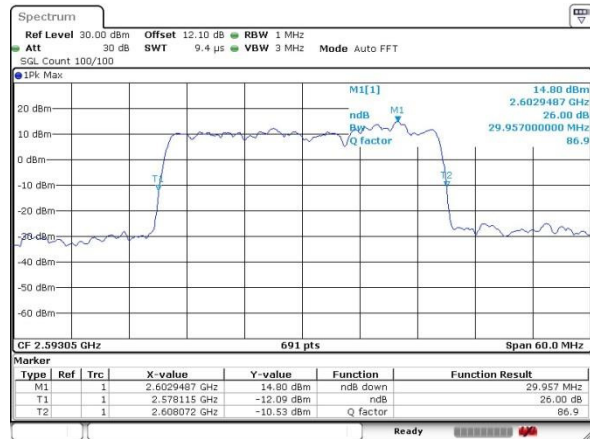
Date: 20 FEB 2018 15:02:15

## Middle Channel / 20MHz+5MHz



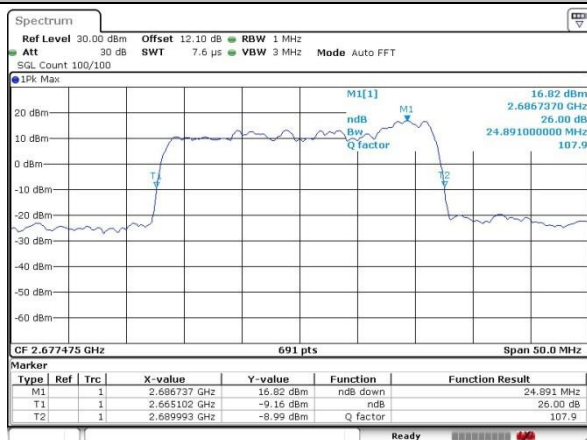
Date: 20 FEB 2018 00:03:29

## Middle Channel / 20MHz+10MHz



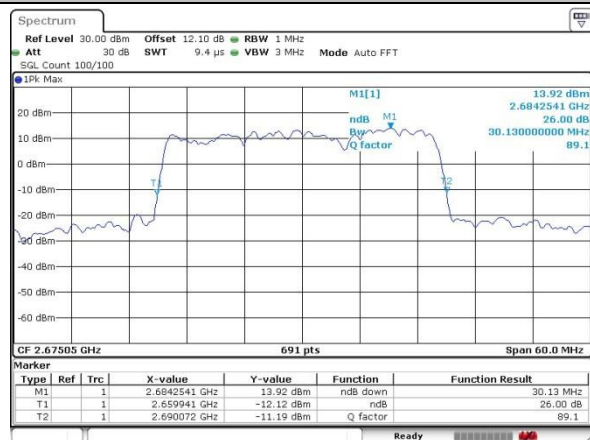
Date: 20 FEB 2018 15:23:17

## Highest Channel / 20MHz+5MHz



Date: 20 FEB 2018 00:15:28

## Highest Channel / 20MHz+10MHz



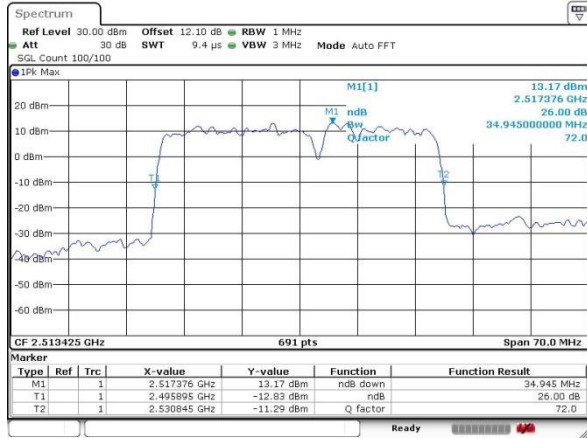
Date: 20 FEB 2018 15:34:31



## LTE Band 41

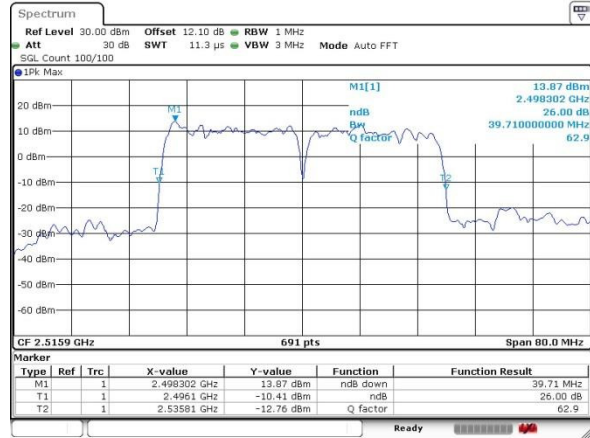
## 64QAM

## Lowest Channel / 20MHz+15MHz



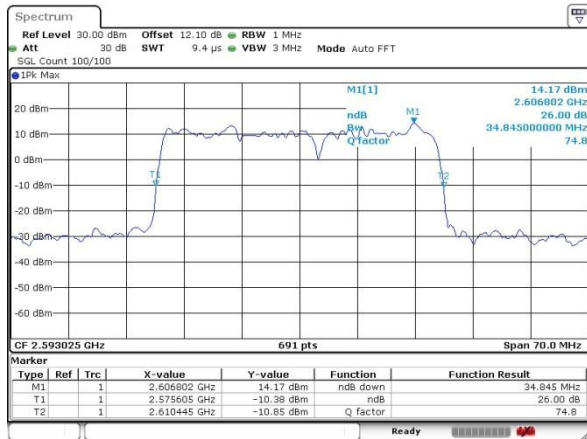
Date: 20 FEB 2018 18:31:35

## Lowest Channel / 20MHz+20MHz



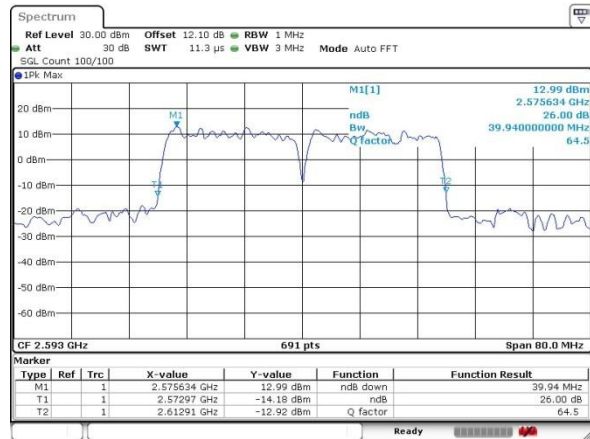
Date: 20 FEB 2018 19:58:49

## Middle Channel / 20MHz+15MHz



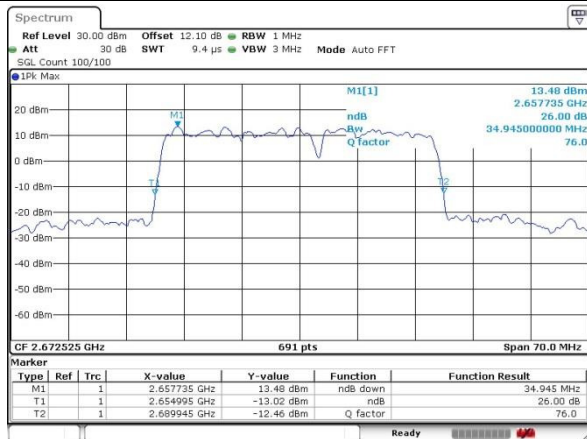
Date: 20 FEB 2018 18:45:17

## Middle Channel / 20MHz+20MHz



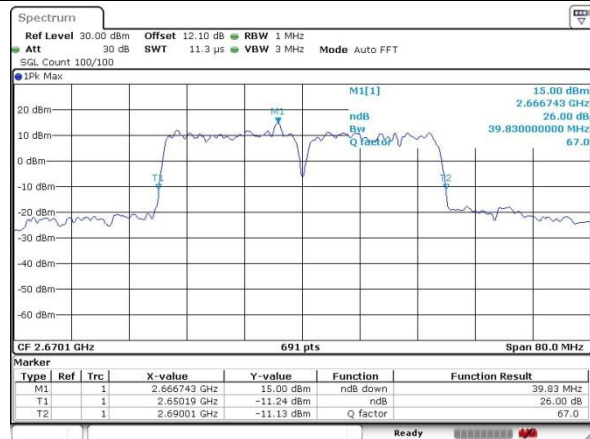
Date: 20 FEB 2018 20:56:45

## Highest Channel / 20MHz+15MHz



Date: 20 FEB 2018 18:58:24

## Highest Channel / 20MHz+20MHz



Date: 20 FEB 2018 21:07:34

**Occupied Bandwidth**

| Mode       | LTE Band 41 : 99%OBW(MHz) |             |             |             |             |
|------------|---------------------------|-------------|-------------|-------------|-------------|
| QPSK       |                           |             |             |             |             |
| BW         | 5MHz+20MHz                | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 22.94                     | 23.37       | 28.05       | 23.30       | 28.57       |
| Middle CH  | 23.15                     | 23.59       | 27.96       | 23.44       | 28.57       |
| Highest CH | 23.15                     | 23.37       | 28.22       | 23.30       | 28.65       |
| BW         | 15MHz+20MHz               | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 32.92                     | 23.37       | 28.13       | 33.02       | 37.72       |
| Middle CH  | 32.92                     | 23.23       | 28.05       | 32.72       | 37.74       |
| Highest CH | 32.82                     | 23.23       | 28.39       | 33.02       | 37.63       |

| Mode       | LTE Band 41 : 99%OBW(MHz) |             |             |             |             |
|------------|---------------------------|-------------|-------------|-------------|-------------|
| 16QAM      |                           |             |             |             |             |
| BW         | 5MHz+20MHz                | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 22.79                     | 23.66       | 27.96       | 23.59       | 28.74       |
| Middle CH  | 23.15                     | 23.59       | 27.87       | 23.44       | 28.74       |
| Highest CH | 23.30                     | 23.23       | 28.13       | 23.37       | 28.74       |
| BW         | 15MHz+20MHz               | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 32.82                     | 23.37       | 28.13       | 33.02       | 37.40       |
| Middle CH  | 32.92                     | 23.59       | 27.87       | 32.72       | 37.51       |
| Highest CH | 32.92                     | 23.23       | 27.96       | 32.92       | 38.09       |

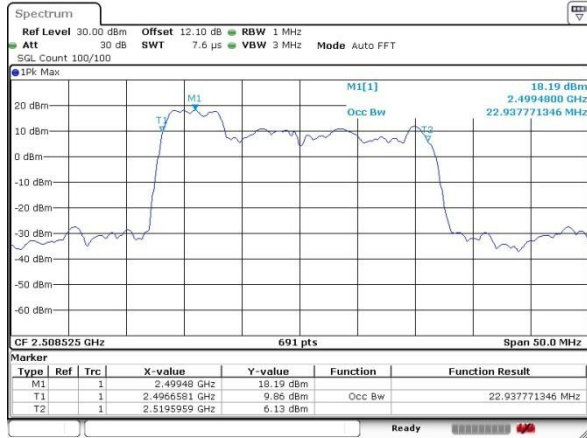
| Mode       | LTE Band 41 : 99%OBW(MHz) |             |             |             |             |
|------------|---------------------------|-------------|-------------|-------------|-------------|
| 64QAM      |                           |             |             |             |             |
| BW         | 5MHz+20MHz                | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 23.15                     | 23.44       | 27.96       | 23.51       | 28.57       |
| Middle CH  | 23.01                     | 23.44       | 27.96       | 23.37       | 28.57       |
| Highest CH | 23.23                     | 23.52       | 27.79       | 23.37       | 28.65       |
| BW         | 15MHz+20MHz               | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 32.62                     | 23.30       | 27.96       | 32.92       | 37.74       |
| Middle CH  | 32.62                     | 23.08       | 27.96       | 32.62       | 37.51       |
| Highest CH | 32.72                     | 23.23       | 27.96       | 32.72       | 37.51       |



## LTE Band 41

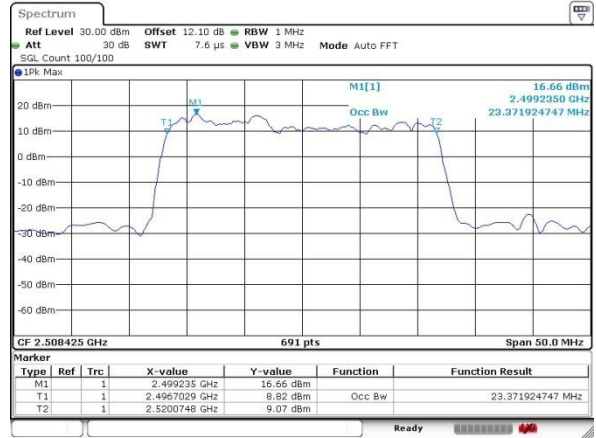
## QPSK

## Lowest Channel / 5MHz+20MHz



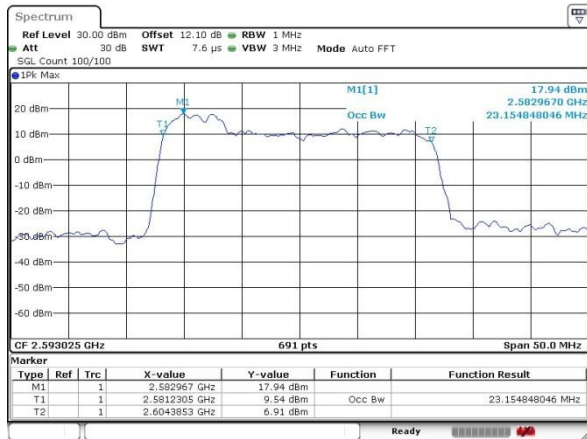
Date: 19 FEB 2018 21:48:17

## Lowest Channel / 10MHz+15MHz



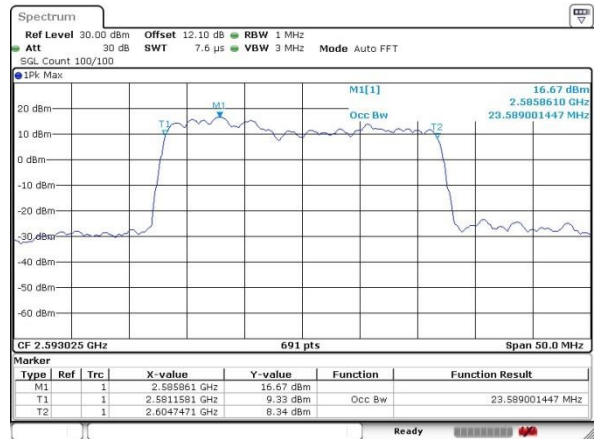
Date: 20 FEB 2018 21:23:15

## Middle Channel / 5MHz+20MHz



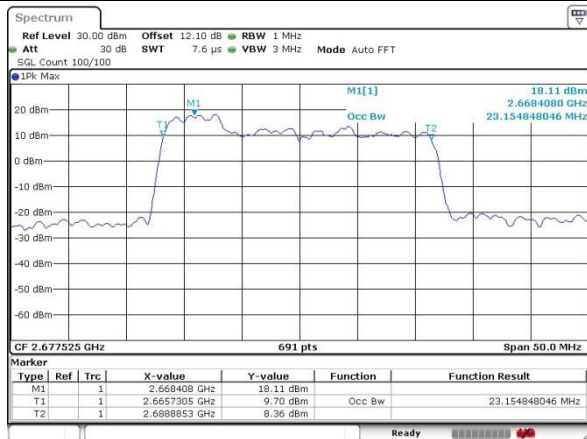
Date: 19 FEB 2018 22:27:45

## Middle Channel / 10MHz+15MHz



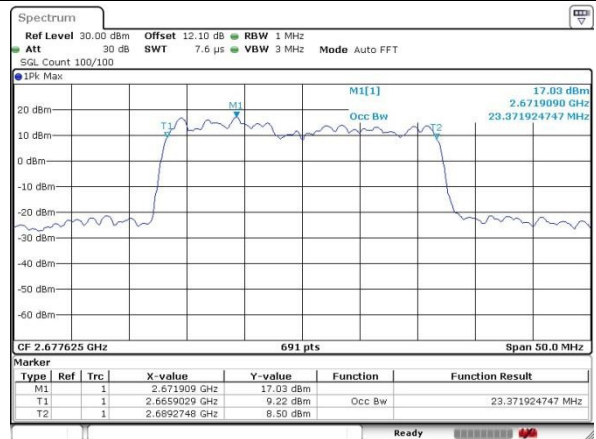
Date: 20 FEB 2018 21:44:03

## Highest Channel / 5MHz+20MHz



Date: 19 FEB 2018 22:44:18

## Highest Channel / 10MHz+15MHz



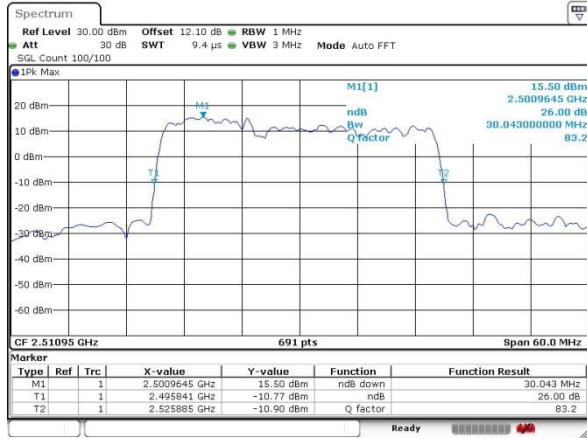
Date: 20 FEB 2018 21:54:21



## LTE Band 41

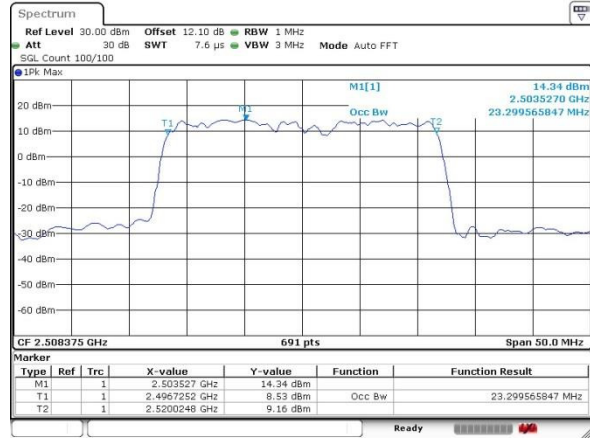
## QPSK

## Lowest Channel / 10MHz+20MHz



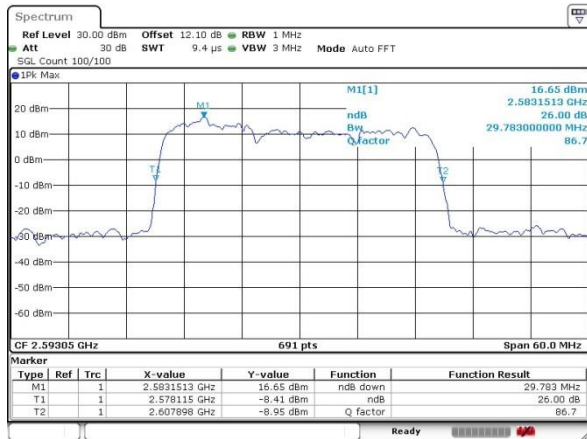
Date: 20 FEB 2018 14:12:50

## Lowest Channel / 15MHz+10MHz



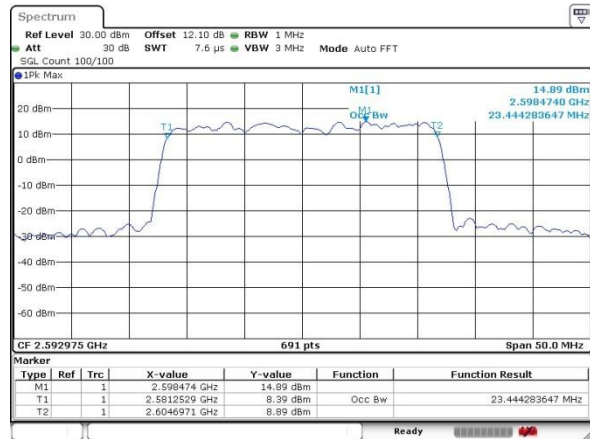
Date: 20 FEB 2018 22:32:31

## Middle Channel / 10MHz+20MHz



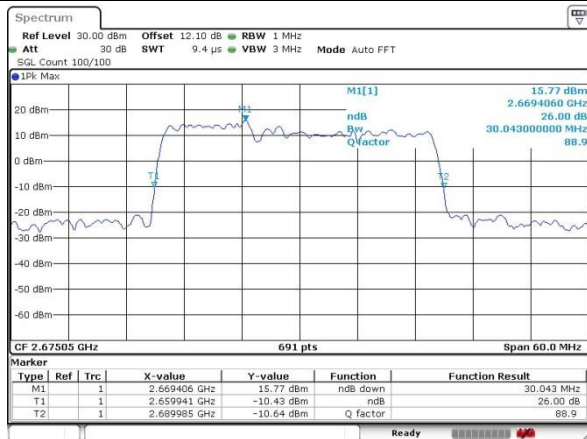
Date: 20 FEB 2018 14:34:06

## Middle Channel / 15MHz+10MHz



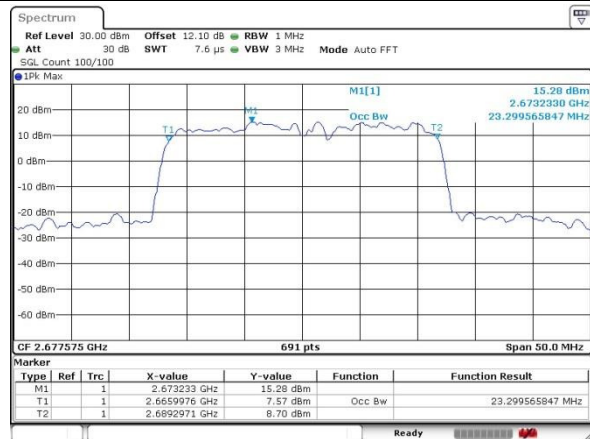
Date: 20 FEB 2018 23:27:56

## Highest Channel / 10MHz+20MHz



Date: 20 FEB 2018 14:40:46

## Highest Channel / 15MHz+10MHz



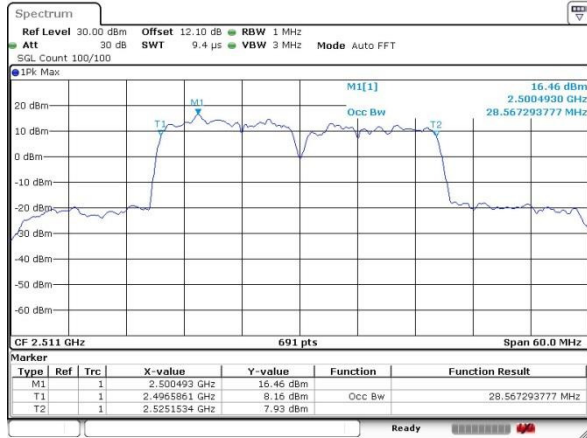
Date: 20 FEB 2018 23:36:10



## LTE Band 41

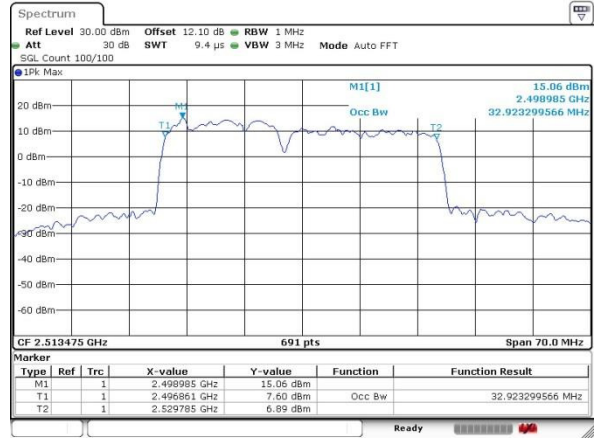
## QPSK

## Lowest Channel / 15MHz+15MHz



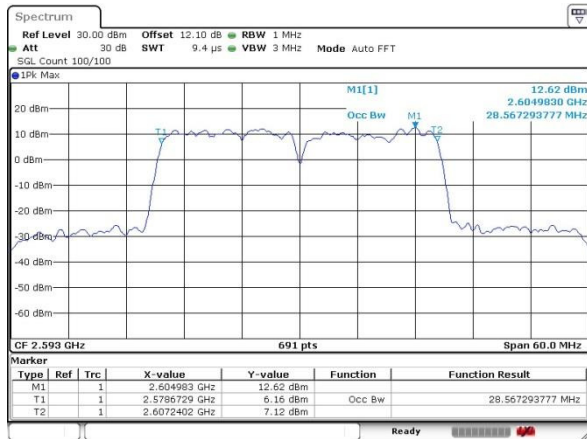
Date: 20 FEB 2018 15:56:09

## Lowest Channel / 15MHz+20MHz



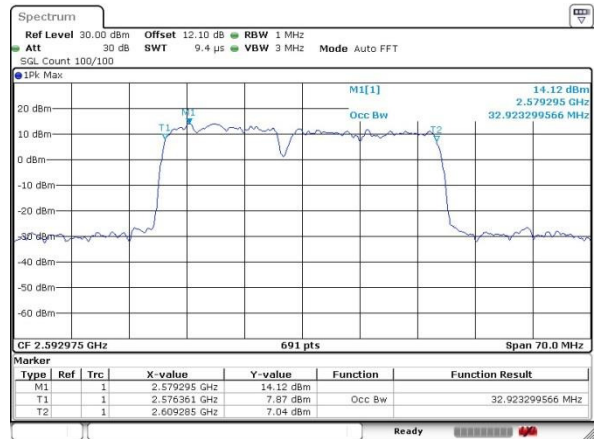
Date: 20 FEB 2018 17:08:33

## Middle Channel / 15MHz+15MHz



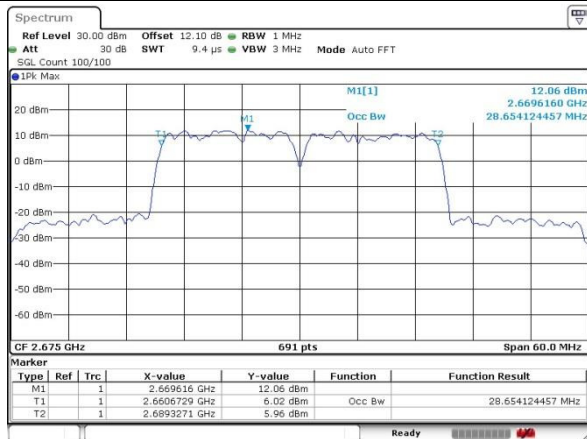
Date: 20 FEB 2018 16:12:14

## Middle Channel / 15MHz+20MHz



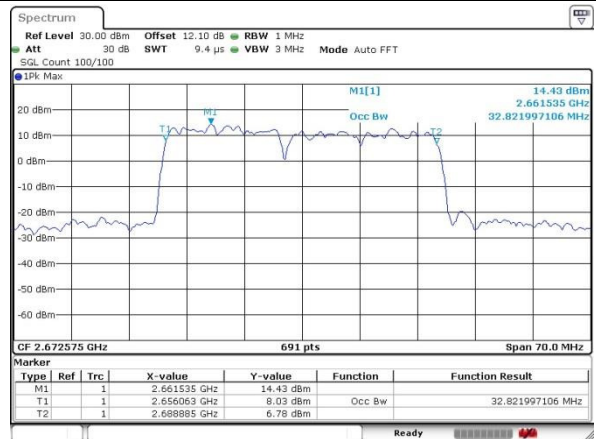
Date: 20 FEB 2018 17:32:17

## Highest Channel / 15MHz+15MHz



Date: 20 FEB 2018 16:47:45

## Highest Channel / 15MHz+20MHz



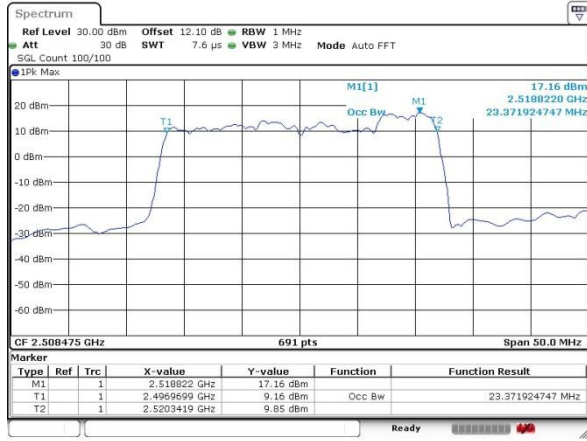
Date: 20 FEB 2018 18:15:53



## LTE Band 41

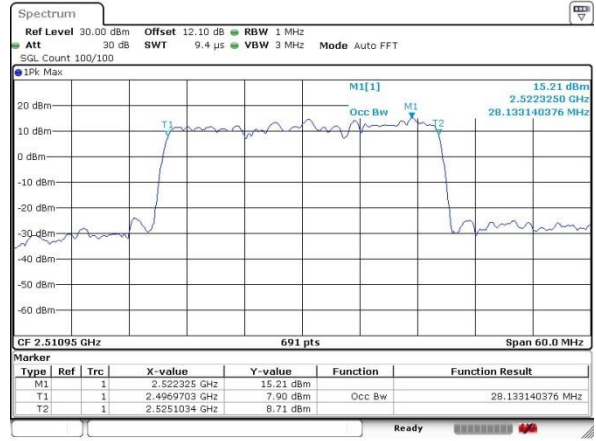
## QPSK

## Lowest Channel / 20MHz+5MHz



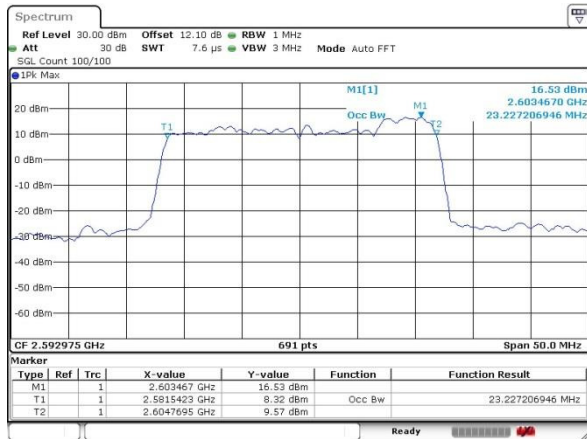
Date: 19 FEB 2018 23:42:38

## Lowest Channel / 20MHz+10MHz



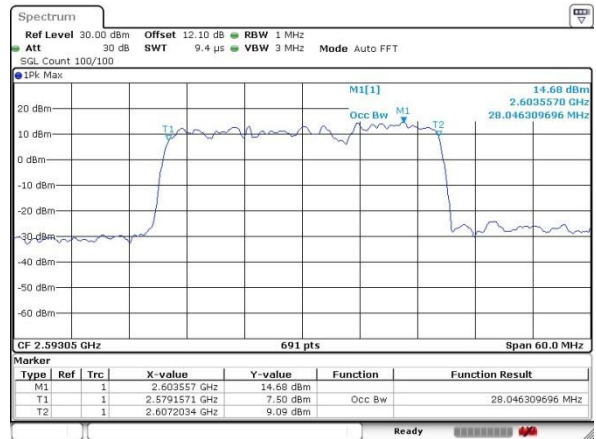
Date: 20 FEB 2018 15:05:56

## Middle Channel / 20MHz+5MHz



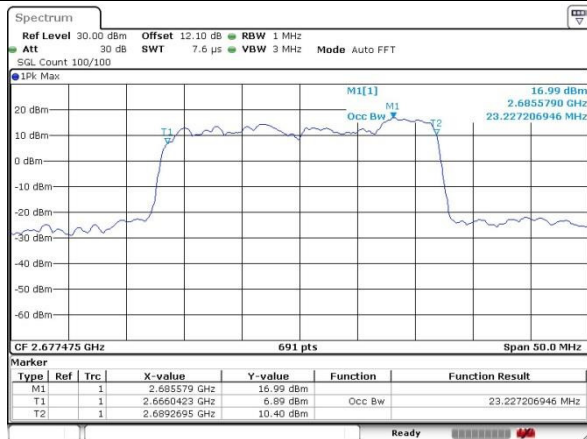
Date: 20 FEB 2018 00:04:27

## Middle Channel / 20MHz+10MHz



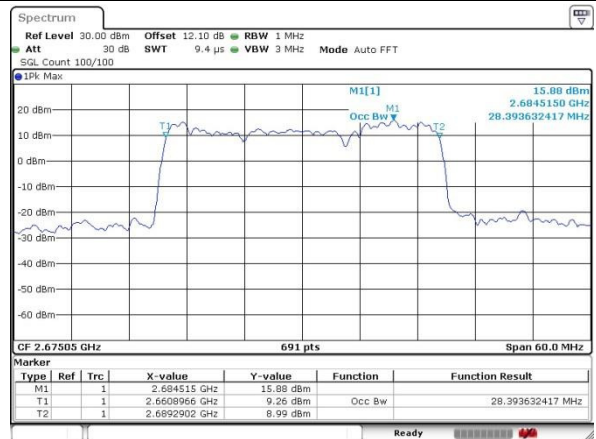
Date: 20 FEB 2018 15:24:39

## Highest Channel / 20MHz+5MHz



Date: 20 FEB 2018 00:17:16

## Highest Channel / 20MHz+10MHz



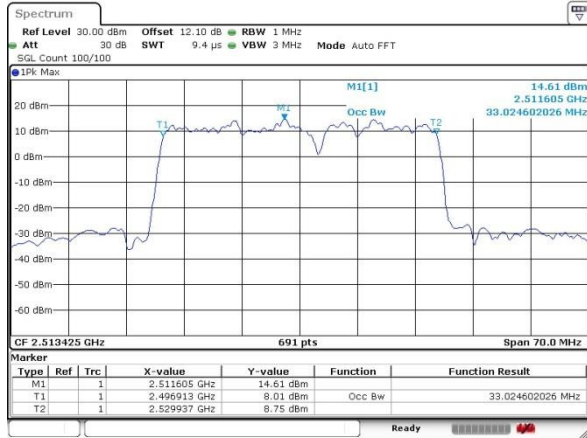
Date: 20 FEB 2018 15:35:58



## LTE Band 41

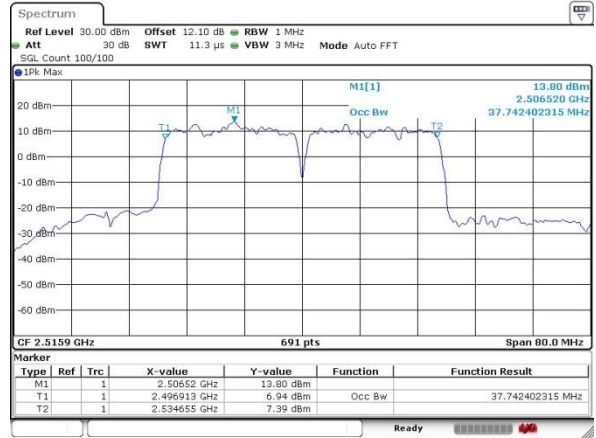
## QPSK

## Lowest Channel / 20MHz+15MHz



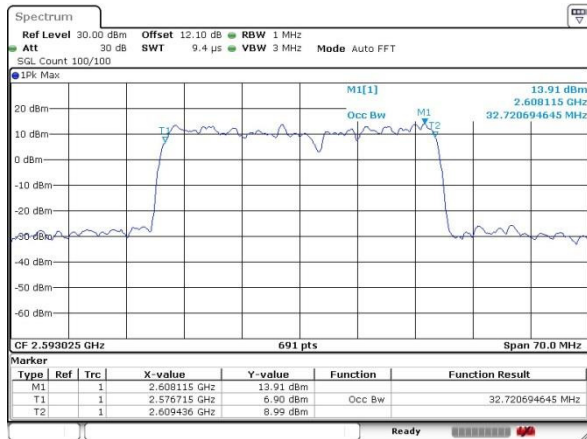
Date: 20 FEB 2018 18:33:35

## Lowest Channel / 20MHz+20MHz



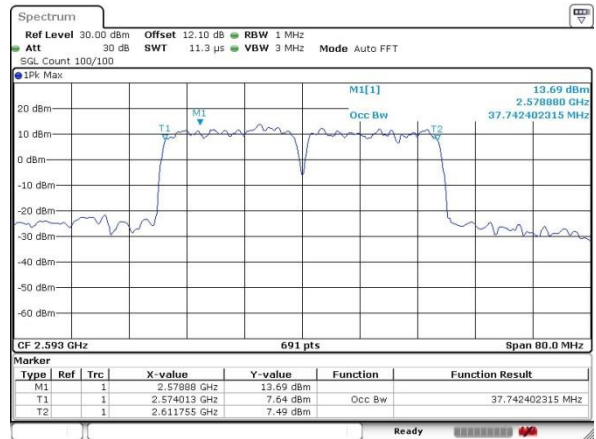
Date: 20 FEB 2018 19:59:46

## Middle Channel / 20MHz+15MHz



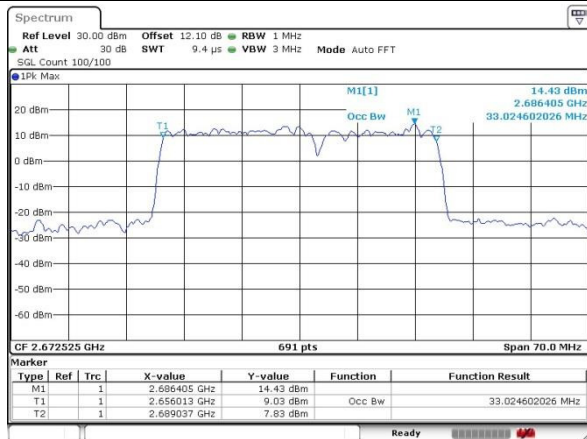
Date: 20 FEB 2018 18:46:35

## Middle Channel / 20MHz+20MHz



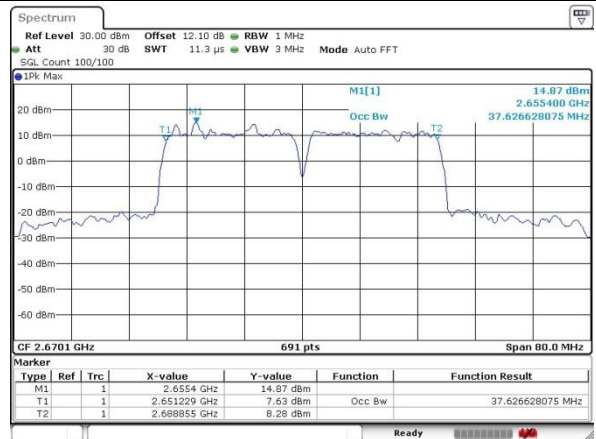
Date: 20 FEB 2018 20:57:38

## Highest Channel / 20MHz+15MHz



Date: 20 FEB 2018 18:58:43

## Highest Channel / 20MHz+20MHz



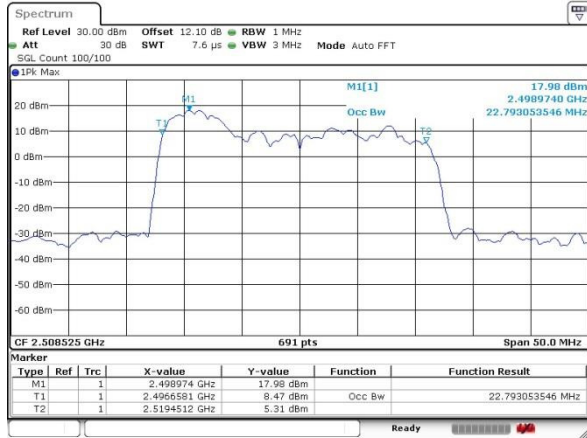
Date: 20 FEB 2018 21:09:11



## LTE Band 41

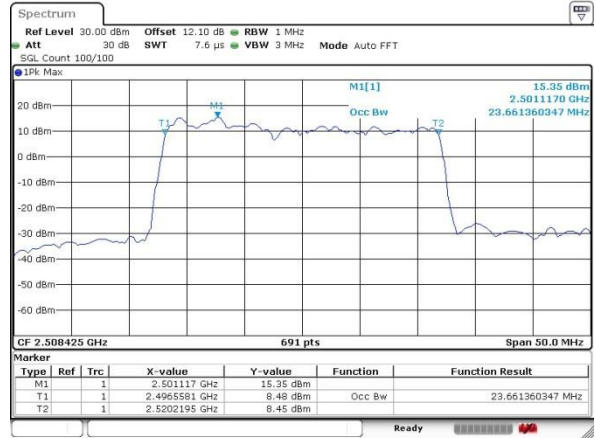
## 16QAM

## Lowest Channel / 5MHz+20MHz



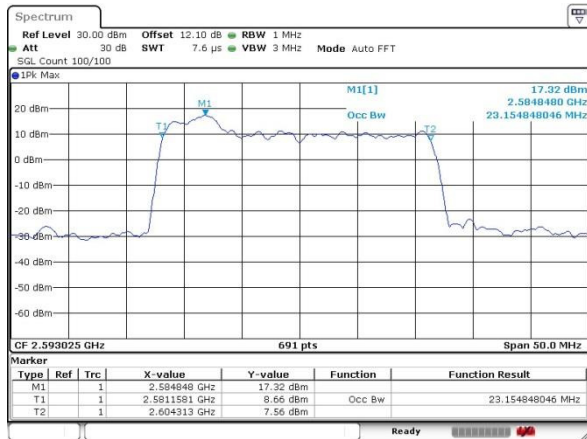
Date: 19 FEB 2018 21:46:01

## Lowest Channel / 10MHz+15MHz



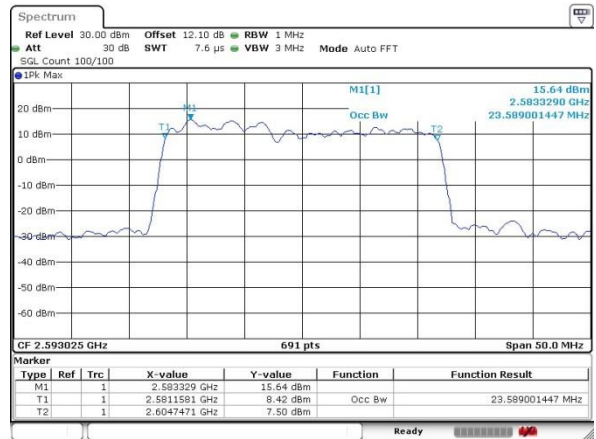
Date: 20 FEB 2018 21:23:01

## Middle Channel / 5MHz+20MHz



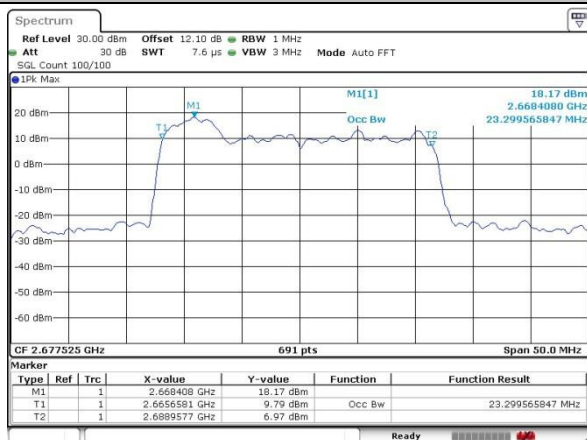
Date: 19 FEB 2018 22:27:28

## Middle Channel / 10MHz+15MHz



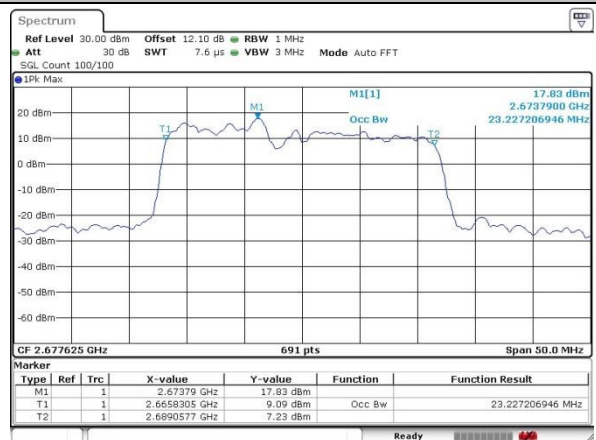
Date: 20 FEB 2018 21:43:47

## Highest Channel / 5MHz+20MHz



Date: 19 FEB 2018 22:44:00

## Highest Channel / 10MHz+15MHz



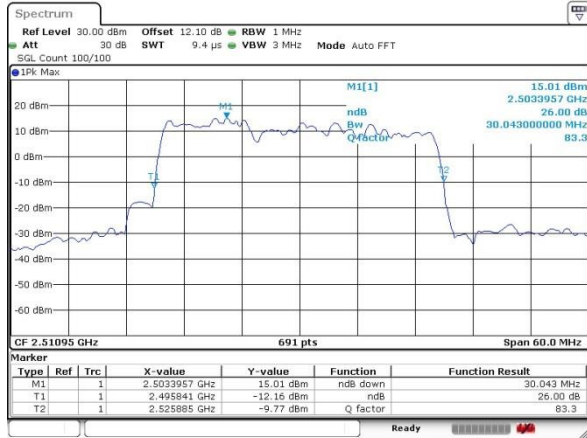
Date: 20 FEB 2018 21:54:04



## LTE Band 41

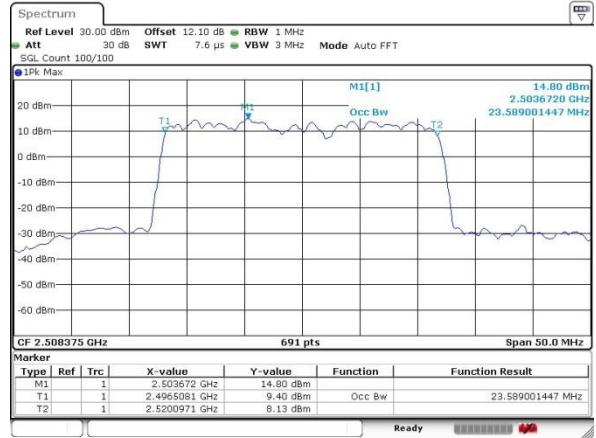
## 16QAM

## Lowest Channel / 10MHz+20MHz



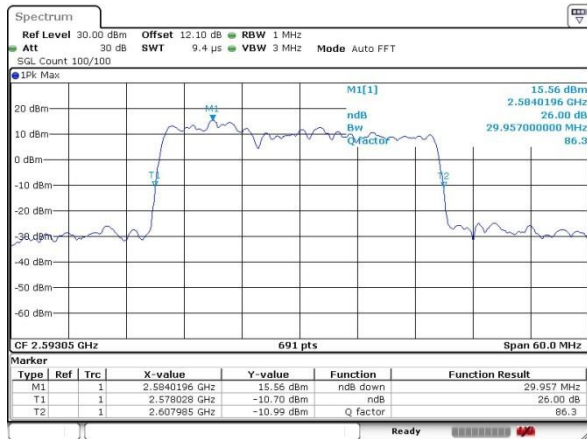
Date: 20 FEB 2018 14:14:39

## Lowest Channel / 15MHz+10MHz



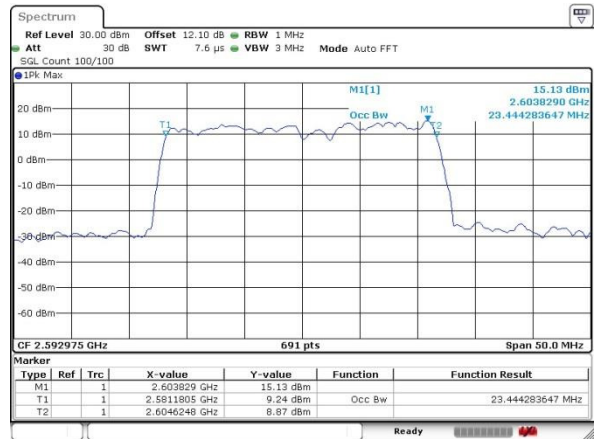
Date: 20 FEB 2018 22:32:14

## Middle Channel / 10MHz+20MHz



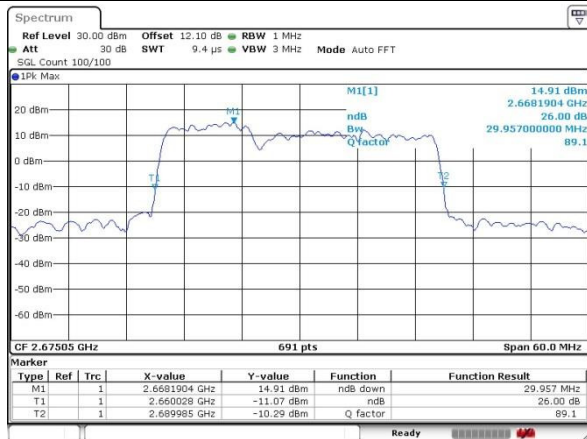
Date: 20 FEB 2018 14:34:28

## Middle Channel / 15MHz+10MHz



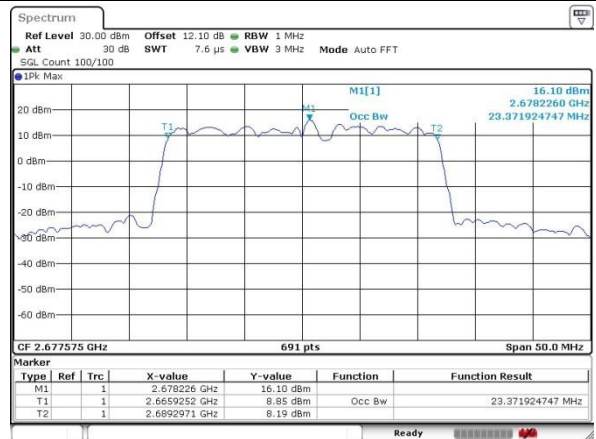
Date: 20 FEB 2018 23:28:08

## Highest Channel / 10MHz+20MHz



Date: 20 FEB 2018 14:40:58

## Highest Channel / 15MHz+10MHz



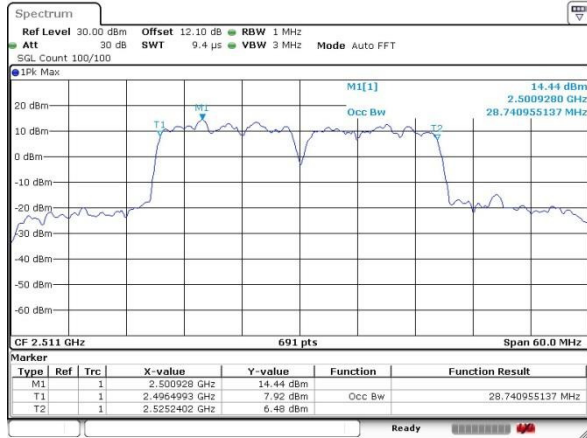
Date: 20 FEB 2018 23:35:53



## LTE Band 41

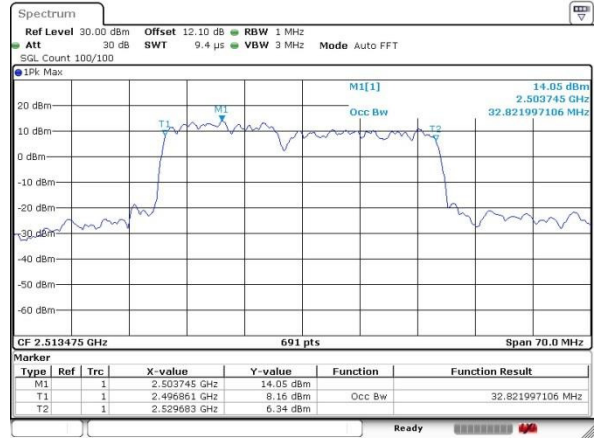
## 16QAM

## Lowest Channel / 15MHz+15MHz



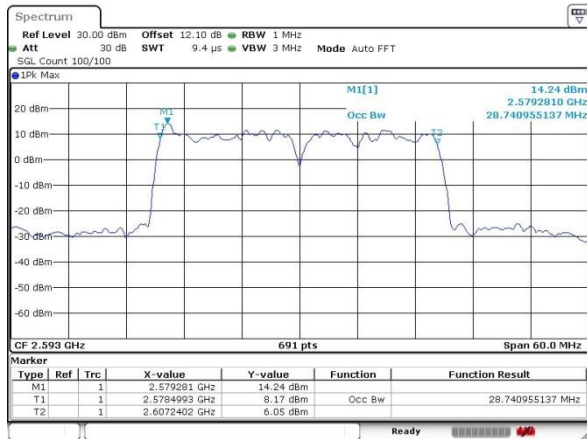
Date: 20 FEB 2018 15:55:42

## Lowest Channel / 15MHz+20MHz



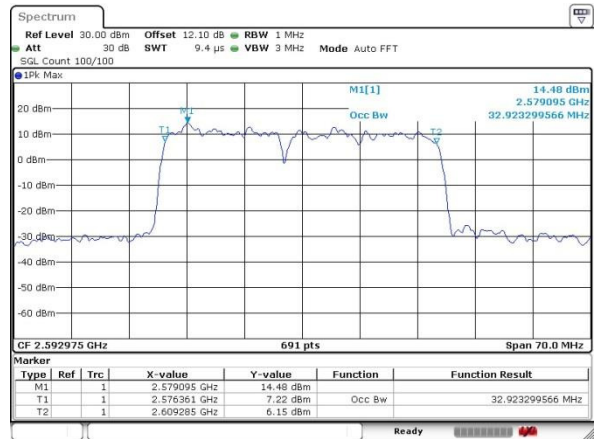
Date: 20 FEB 2018 17:08:20

## Middle Channel / 15MHz+15MHz



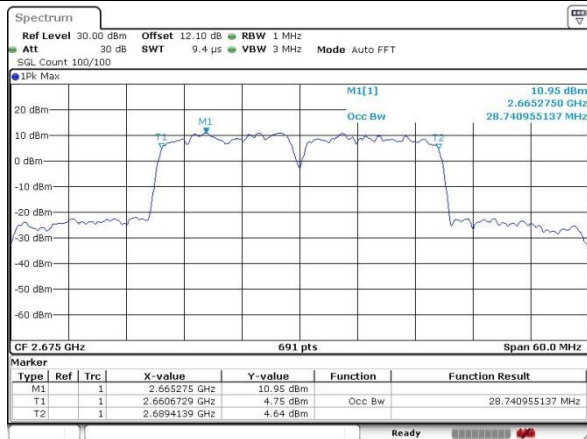
Date: 20 FEB 2018 16:11:59

## Middle Channel / 15MHz+20MHz



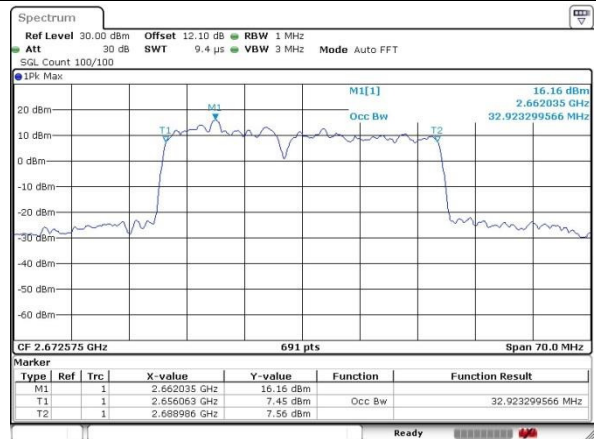
Date: 20 FEB 2018 17:32:00

## Highest Channel / 15MHz+15MHz



Date: 20 FEB 2018 16:47:12

## Highest Channel / 15MHz+20MHz



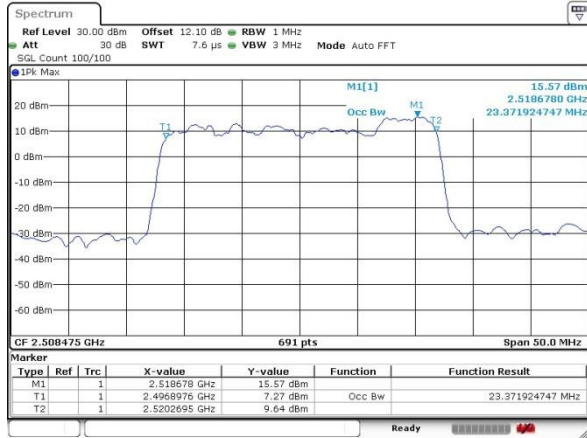
Date: 20 FEB 2018 18:15:39



## LTE Band 41

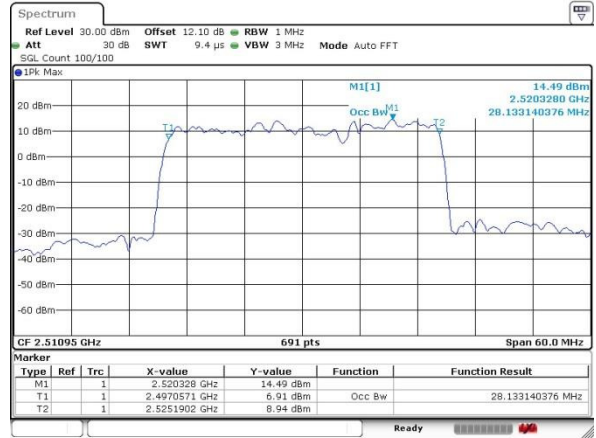
## 16QAM

## Lowest Channel / 20MHz+5MHz



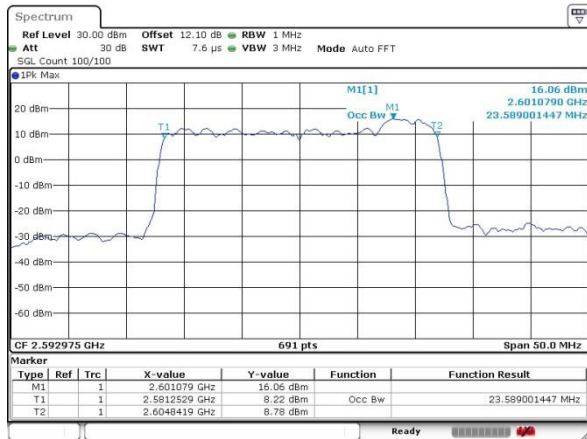
Date: 19 FEB 2018 23:42:21

## Lowest Channel / 20MHz+10MHz



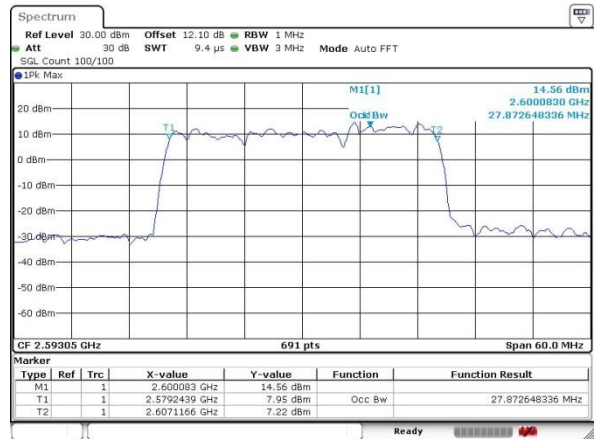
Date: 20 FEB 2018 15:05:32

## Middle Channel / 20MHz+5MHz



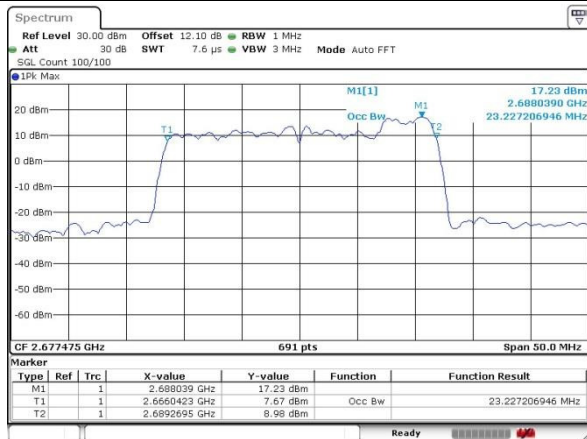
Date: 20 FEB 2018 00:04:45

## Middle Channel / 20MHz+10MHz



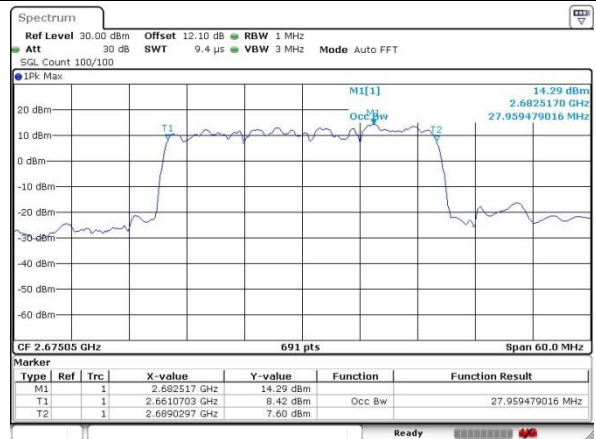
Date: 20 FEB 2018 15:24:09

## Highest Channel / 20MHz+5MHz



Date: 20 FEB 2018 00:16:54

## Highest Channel / 20MHz+10MHz



Date: 20 FEB 2018 15:35:29



## LTE Band 41

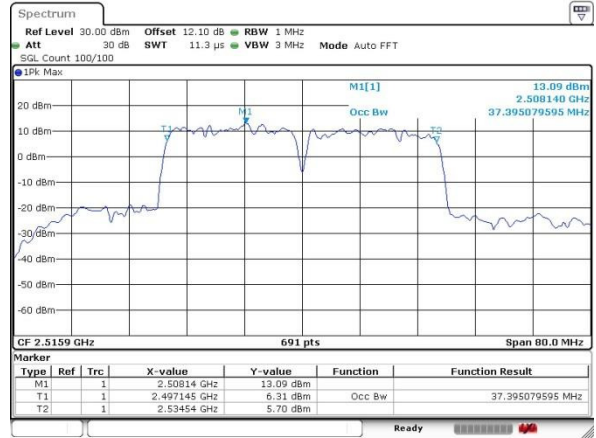
## 16QAM

## Lowest Channel / 20MHz+15MHz



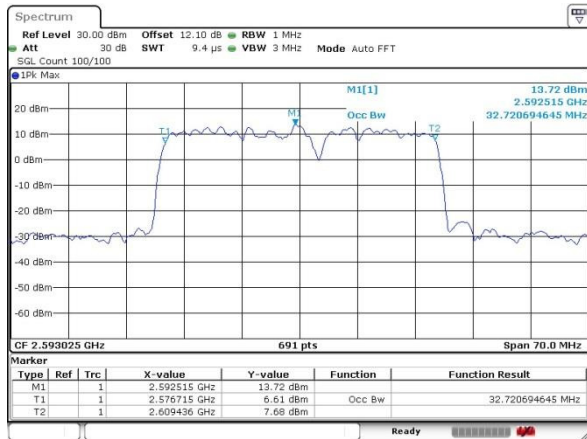
Date: 20 FEB 2018 18:33:11

## Lowest Channel / 20MHz+20MHz



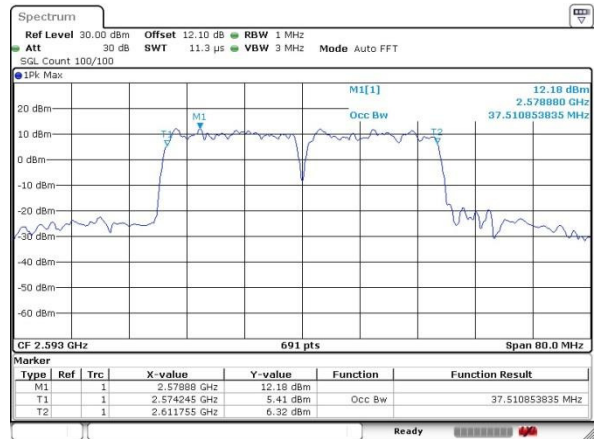
Date: 20 FEB 2018 19:59:30

## Middle Channel / 20MHz+15MHz



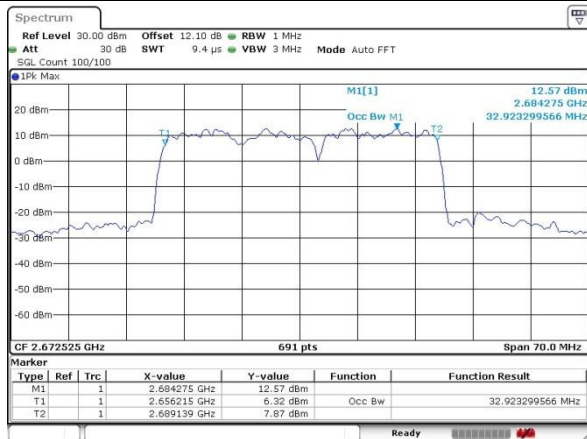
Date: 20 FEB 2018 18:46:14

## Middle Channel / 20MHz+20MHz



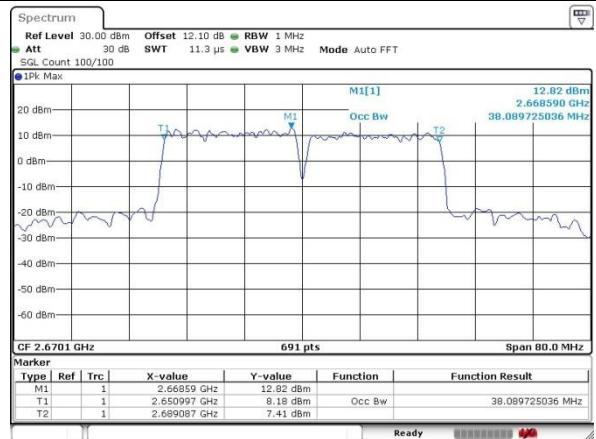
Date: 20 FEB 2018 20:57:23

## Highest Channel / 20MHz+15MHz



Date: 20 FEB 2018 18:58:04

## Highest Channel / 20MHz+20MHz



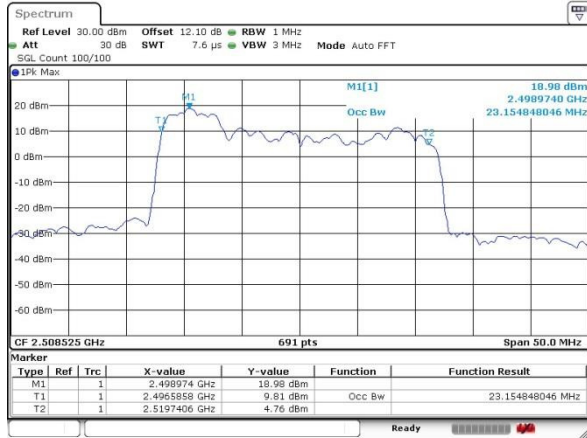
Date: 20 FEB 2018 21:08:48



## LTE Band 41

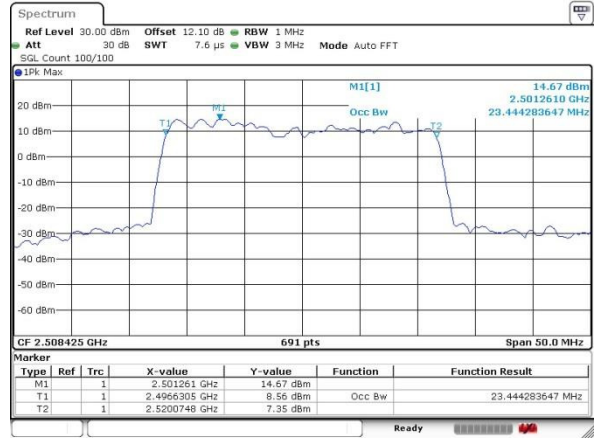
## 64QAM

## Lowest Channel / 5MHz+20MHz



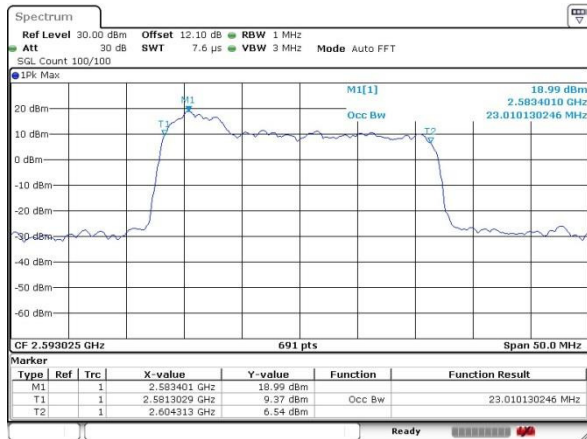
Date: 19 FEB 2018 21:45:44

## Lowest Channel / 10MHz+15MHz



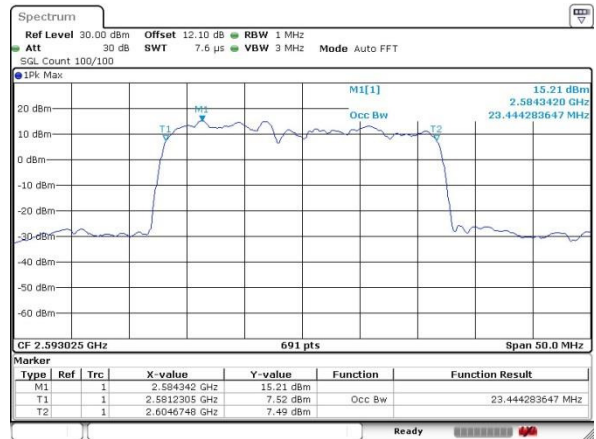
Date: 20 FEB 2018 21:22:43

## Middle Channel / 5MHz+20MHz



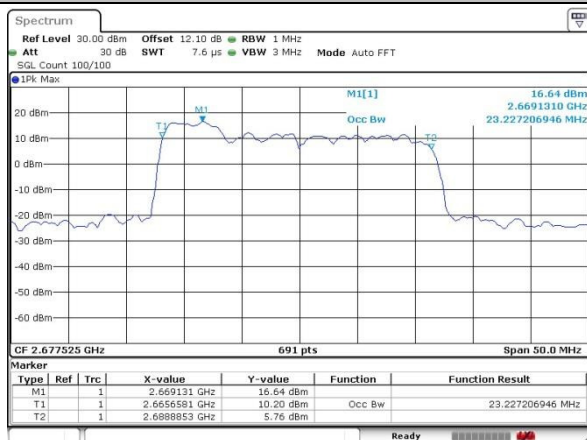
Date: 19 FEB 2018 22:27:09

## Middle Channel / 10MHz+15MHz



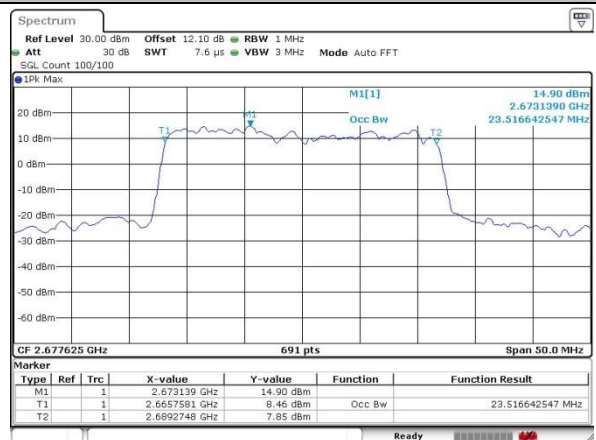
Date: 20 FEB 2018 21:43:27

## Highest Channel / 5MHz+20MHz



Date: 19 FEB 2018 22:43:42

## Highest Channel / 10MHz+15MHz



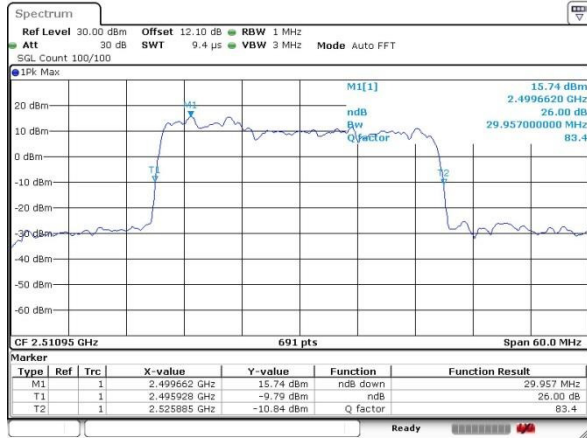
Date: 20 FEB 2018 21:53:47



## LTE Band 41

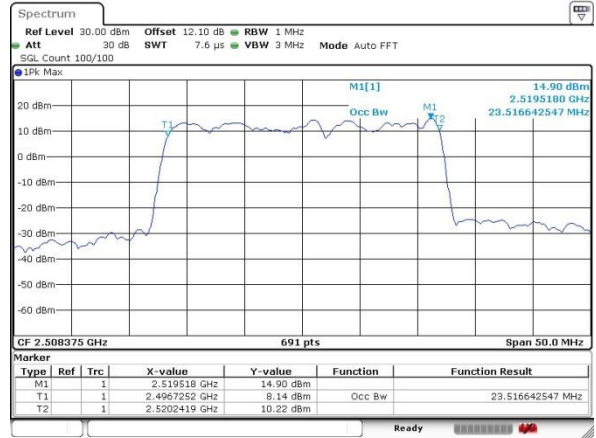
## 64QAM

## Lowest Channel / 10MHz+20MHz



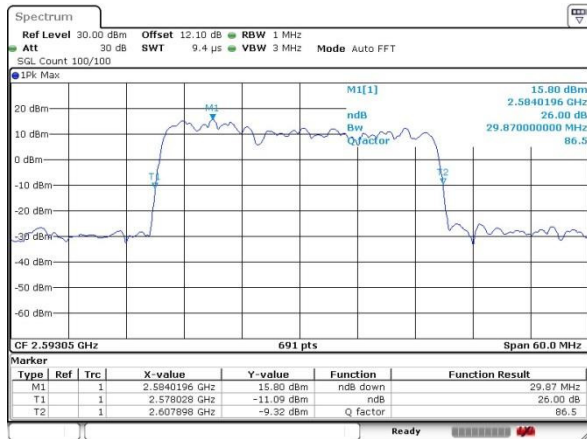
Date: 20 FEB 2018 14:15:40

## Lowest Channel / 15MHz+10MHz



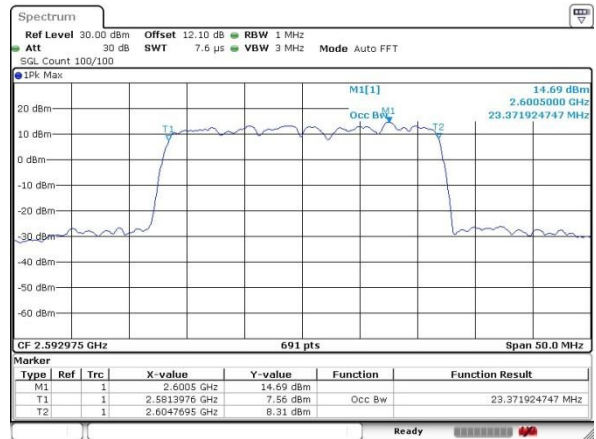
Date: 20 FEB 2018 22:31:56

## Middle Channel / 10MHz+20MHz



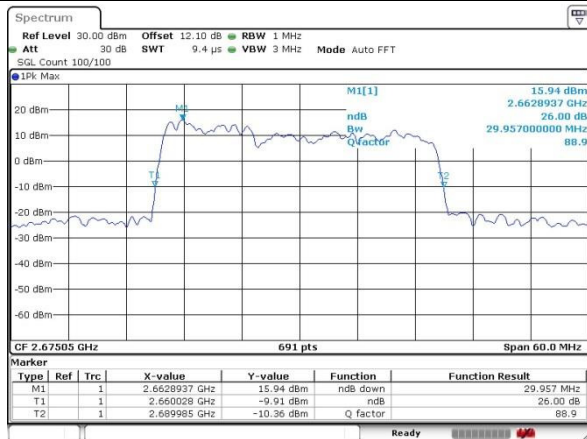
Date: 20 FEB 2018 14:34:43

## Middle Channel / 15MHz+10MHz



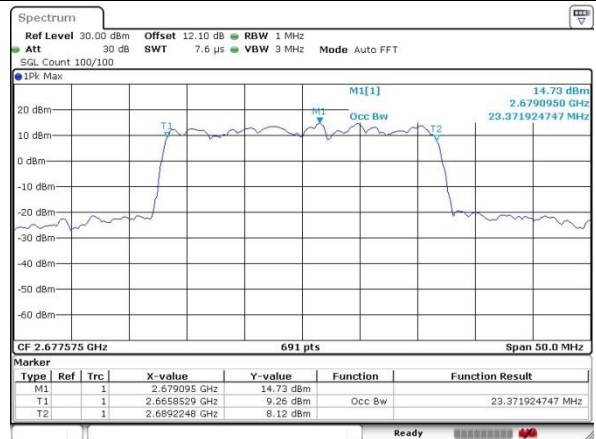
Date: 20 FEB 2018 23:28:22

## Highest Channel / 10MHz+20MHz



Date: 20 FEB 2018 14:41:13

## Highest Channel / 15MHz+10MHz



Date: 20 FEB 2018 23:35:32